

Product datasheet for **MC205579**

PPP2R2A (NM_028032) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPP2R2A (NM_028032) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	PPP2R2A
Synonyms:	2410004D02Rik; mKIAA1541
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC080692
 AGAGGTAATCCGCGCTGCCGCCCACTACTACCGCCGCGCCGCCGCTACTGCCGCGCGTCCCGTCTC
 CACCGCGAGAGAAGGAGCACGAGACGGGACGCCCTGAGTGAACGCCACCATCCTGCCGACCGCTCCACC
 CGGGCCGCTTCCCTTCCGCCCGGTCCCGGTCCCCTCCCCCTCAGGTGCCATCCGCCTCCATCCGCGCC
 CTCGATCCCCCATCCCCAGGTGTGGGGCTGAGCCCCGTGCGGAGACCCCGACGAGCCCGCAGGGT
 CACCATTTGCAGCGGACATGGCAGGAGCTGGAGAGGGAATGATATTCAAGTGGTGTCTTCTCAGGTGA
 AAGGAGCAGTAGATGACGTAGCAGAGAAGCAGATATAATTTCTACAGTAGAGTTAATCATTCTGGAGA
 ATTACTAGCCACAGGAGATAAAGGTGGGAGAGTTGTCATCTTTCAACAAGAGCAGGAGAACAAAATCCAG
 TCTCATAGCAGAGGAGAATAACAATGTTTACAGCACCTTCCAGAGCCATGAGCCAGAAATTTACTACTTGA
 AAAGCTTAGAAATAGAAGAGAAGATCAACAAAATTAGGTGGTTACCCAGAAAAATGCTGCCAGTTTTT
 ATTGTCTACCAACGATAAAACAATAAATTTATGGAAAAACAGTGAAGAGACAAAAGACCAGAAGGCTAT
 AACTTGAAAGAGGAAGATGGAAGATATAGAGATCCTACTACAGTCACTACGCTACGGGTGCCGATTTTA
 GGCCCATGGATCTAATGGTGAAGCCAGTCCACGGAGAATATTTGCCAACGCCACACTTATCACATCAA
 CTCAATTTCTATCAATAGTGATTATGAAACCTACTTATCAGCAGATGATTTGCGAATTAATCTCTGGCAT
 CTGGAAATTACAGACAGGAGTTTTAATATTGTGGATATCAAGCCTGCCAATATGGAAGAGCTCACGGAGG
 TGATCACGGCTGCAGAATTTACCCCAACAGCTGTAACACGTTTTGTGTACAGCAGAGTAAGGAATAT
 TCGGTTATGTGACATGAGGGCATCTGCGCTCTGTGACAGGCATTCTAAACTGTTTGAAGAACCTGAAGAT
 CCCAGCAACAGGTCATTTTTTTCTGAAATCATCTCCTCTATTTCTGATGTAAAATTCAGCCATAGCGGTC
 GTTATATGATGACTAGAGACTATTTGTCAGTCAAAATTTGGGACTTGAATATGGAGAACAGGCCCGTGGGA
 GACATACCAGGTACATGAATACCTCAGAAGTAACTTTGCTCACTGTATGAAAACGACTGCATATTTGAC
 AAATTTGAATGTTGTTGGAATGGGTCTGACAGTGTGTGATGACTGGATCCTACAATAATTTCTTCAGAA
 GTTCGACAGGAACACAAAGCGGGATATAACCCTAGAAGCATCACGAGAGAACAATAAGCCTCGCACGGT
 TTTGAAGCCACGCAAAGTCTGTGCAAGTGGCAAGCGAAAGAAAGATGAAATAAGTGTGACAGCCTAGAC
 TTCAACAAGAAAATCCTTCATACAGCCTGGCATCCCAAGGAAAACATCATTGCTGTAGCAACTACAACA
 ATCTGTATATATTTCAAGACAAAGTGAATTAGGCTGGCATTCTCTGACAGAGGAGCCACTTCTGCTTAGT
 GAGATAGTTGAATCTAGCATTACATCTATAAGAGAGCGGTCCATTGTGGCGCCCTTTCCAGTGTTTGA
 CAGTGTGCCATTCAACAACACATTTGATAGCCTCATGGAGAAAGCTGTGTGGATGCATCCAGGCTGTTT
 TCCATGTCTGCTAGCCATTTAGGGAAGGGAAGGGCACTTTTAATTTAATGACTTCTTGCACCATCTTGCC
 TGGTGGACTGGACTGGACTGTGTCAGCATTGATGTAAGTCCACTTTTTATGCCTTCCATTGTGATGACGTC
 AAACACAGTGAACGCCTTCAGTCATGCTATGGAATTTGTGTATCCTCATTACTGTATCATTGTGGGGTA
 CACCCCTCCCCTCTTTTTAAATTAATACAGCTCATTCTAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_028032
- Insert Size:** 1344 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [BC080692](#), [AAH80692](#)

RefSeq Size: 2111 bp

RefSeq ORF: 1344 bp

Locus ID: 71978

UniProt ID: [Q6P1F6](#)

Cytogenetics: 14 D1

Gene Summary: The B regulatory subunit might modulate substrate selectivity and catalytic activity, and also might direct the localization of the catalytic enzyme to a particular subcellular compartment. [UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.